

[245] Attorney Docket No. : 58462US011

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Application of:

Applicant : Jacob Moskovich
Filed : Simultaneously Herewith

For the Reissue of:

Patent No. : 6,324,014
Granted : November 27, 2001
For : WIDE FIELD OF VIEW PROJECTION LENSES FOR
COMPACT PROJECTION LENS SYSTEMS
EMPLOYING PIXELIZED PANELS
Patentee : Jacob Moskovich

DECLARATION UNDER 37 CFR §1.175

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 6,324,014 granted November 27, 2001, and for which a reissue patent is sought on the invention entitled WIDE FIELD OF VIEW PROJECTION LENSES FOR COMPACT PROJECTION LENS SYSTEMS EMPLOYING PIXELIZED PANELS, the specification of which is attached hereto, said specification being amended by the Preliminary Amendment also attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by the Preliminary Amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below:

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- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

I claimed less than I had a right to claim in patent number 6,324,014 (the '014 patent) and this reissue is being filed to broaden my patent. In particular, in the original '014 patent, I did not claim a projection lens system having a screen, a pixelized panel, and a projection lens with a wide field of view in the direction of the screen, specifically, a half field of view of at least 35°, wherein the projection lens has only five or six lens elements organized into a first lens unit which has a relatively small clear aperture, specifically, a maximum clear aperture which is less than 0.7 times the diagonal of the pixelized panel, and includes a negative lens element with at least one aspherical surface for correction of distortion and a second lens unit which provides most of the power of the projection lens and consists of first and second lens subunits, with the second lens subunit having at least one aspherical surface for correction of spherical aberration. Projection lens systems of this type are disclosed in the examples of the '014 patent and described in the text of the patent. Independent Claim 17 and its dependent Claims 18-31 submitted herewith are directed to these embodiments of my invention.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

I hereby offer to surrender the original patent and understand that 3M Innovative Properties Company, the assignee of the entire right, title, and interest in the original patent, will provide same or an appropriate statement pursuant to 37 CFR §1.178 prior to the allowance of this application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or

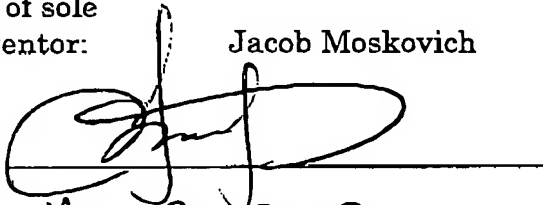
-3-

imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

Full name of sole
or first inventor:

Jacob Moskovich

Inventor's
signature:



Date:

Nov. 21, 2003

Residence:

Cincinnati, Ohio 45236
United States of America

Citizenship:

United States of America

Post Office Address:

3891 Blackwood Court
Cincinnati, Ohio 45236
United States of America

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COMBINED CERTIFICATE UNDER 37 CFR 3.73(b) AND
POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

I. Certificate Under 37 CFR 3.73(b)
Establishing Right of Assignee to Take Action

3M Innovative Properties Company, a corporation of Delaware, certifies that it is the assignee of the entire right, title and interest in the reissue application identified above, which claims the benefit under 35 USC §119(e) of U.S. Provisional Application No. 60/065,308 filed November 13, 1997, by virtue of the following:

1. An assignment from the inventor to U.S. Precision Lens Incorporated of U.S. Provisional Application No. 60/065,308 (the "'308 application") filed November 13, 1997. The assignment for the '308 application was recorded in the U.S. Patent and Trademark Office at Reel 012133, Frame 0212.
2. A name change from U.S. Precision Lens, Incorporated to Corning Precision Lens, Incorporated, which is reflected in the attached documents.
3. A name change from Corning Precision Lens, Incorporated, to 3M Precision Optics, Inc. which was recorded in the U.S. Patent and Trademark Office at Reel 013429, Frame 0359.

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4. An assignment from 3M Precision Optics, Inc. to 3M Innovative Properties Company of U.S. Patent No. 6,324,014, which was recorded on February 18, 2003 in the U.S. Patent and Trademark Office at Reel 013429, Frame 0259.

3M Innovative Properties Company hereby seeks to take action in the United States Patent and Trademark Office with regard to this reissue application.

The undersigned is authorized to sign this certificate on behalf of the assignee.

II. Power Of Attorney By Assignee

3M Innovative Properties Company, the assignee of record of the entire right, title and interest in the reissue application identified above hereby revokes all powers of attorney previously given and appoints Practitioners at Customer Number 32692 as its attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

**Customer Number for
Practitioner of Record: 32692**

3M Innovative Properties Company also appoints the following Practitioners as its attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, reexamination or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Maurice M. Klee (Reg. No. 30,399).

The mailing address and telephone number of the above-identified attorneys and/or agents are that of:

**Customer Number for
Practitioner of Record: 32692**

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Inquiries regarding this application can be made to:

Attention: Bruce E. Black

Office of Intellectual Property Counsel

3M Innovative Properties Company

Telephone No.: (651) 736-3366

NAME OF ASSIGNEE
ADDRESS OF ASSIGNEE

3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

November 21, 2003
Date

By: B. E. Black

Bruce E. Black, Reg. No.: 41,622

C# 33411

UNITED STATES OF AMERICA,
STATE OF OHIO,
OFFICE OF THE SECRETARY OF STATE

I, Kenneth Gladwell, Secretary of State of the State of Ohio, do hereby certify that the foregoing is a true and correct copy of the 302 pages as taken from the original record now in my office custody as of the 30th day of April 2003 A.D.

[Signature]
Secretary of State

[Seal]

NOTICE: This is an official certification of the State of Ohio.

Doc ID -->

200029702036



DATE:	DOCUMENT ID	DESCRIPTION	FILING	EXPED	PENALTY	CERT	COPY
10/23/2000	200029702036	DOMESTIC/AMENDMENT TO ARTICLES (AMD)	35.00	10.00	.00	.00	.00

Receipt

This is not a bill. Please do not remit payment.

DONALD M LERNER
120 E 4TH STREET
8TH FL
CINCINNATI, OH 45202

STATE OF OHIO**Ohio Secretary of State, J. Kenneth Blackwell**

332411

It is hereby certified that the Secretary of State of Ohio has custody of the business records for

CORNING PRECISION LENS, INCORPORATED

and, that said business records show the filing and recording of:

Document(s)

DOMESTIC/AMENDMENT TO ARTICLES.

Document No(s):

200029702036



United States of America
State of Ohio
Office of the Secretary of State

Witness my hand and the seal of
the Secretary of State at Columbus,
Ohio this 18th day of October, A.D.
2000.

J. Kenneth Blackwell
Ohio Secretary of State

Doc ID -->

200029702036

Prescribed by **J. Kenneth Blackwell**

Please obtain fee amount and mailing instructions from the Forms Inventory List (using the 3 digit form # located at the bottom of this form). To obtain the Forms Inventory List or for assistance, please

call Customer Service:

Central Ohio: (614)-466-3910 Toll Free: 1-877-SOS-FILE (1-877-767-3453)

Expedite this form

☒ Yes

CERTIFICATE OF AMENDMENT BY SHAREHOLDERS TO ARTICLES OF

U.S. PRECISION LENS, INC.332411 (Name of Corporation)

(charter number)

Donald M Lerner

(name)

, who is the Secretary

(title)

of the above named Ohio corporation organized for profit, does hereby certify that: (Please check the appropriate box and complete the appropriate statements.)

☐ a meeting of the shareholders was duly called and held on _____, at which meeting a quorum of the shareholders was present in person or by proxy, and that by the affirmative vote of the holders of shares entitling them to exercise _____ % of the voting power of the corporation,

☒ in a writing signed by all the shareholders who would be entitled to notice of a meeting held for that purpose, the following resolution to amend the articles was adopted:

Resolved that:

The first Article of Incorporation of the Corporation is hereby amended to read as follows:

First, the name of the Corporation shall be CORNING Precision Lens, Incorporated

IN WITNESS WHEREOF, the above named officer, acting for and on behalf of the corporation, has hereunto
subscribed his name on September 29, 2000
(signature) (date)

Signature: Donald M. LernerDonald M. Lerner
Title: Secretary

OCT 18 2000 15:38 FR CORNING LEGAL

607 974 6135 TO 42368-

P.03

10/18/2000 15:38 FR CORNING LEGAL

U.S. PRECISION LENS, INC.

ACTION BY WRITTEN CONSENT
OF THE SOLE SHAREHOLDER
IN LIEU OF A MEETING

August ____, 2000

Corning Incorporated, being the sole shareholder of U.S. Precision Lens, Inc., an Ohio Corporation (the "Corporation") hereby waives notice of a meeting of the shareholders of the Corporation and authorizes and approves the following corporate action:

I. Acceptance of Resignation of Director

The resignation of Norman E. Garrity as a Director of U.S. Precision Lens, Inc. is hereby accepted, effective immediately.

II. Appointment of Additional Directors

John W. Loose and Vincent P. Hatton are hereby appointed to the Board of Directors of U.S. Precision Lens, Inc., to serve until the next Annual Meeting of the Shareholder of U.S. Precision Lens, Inc. and until their successors shall have been elected and installed.

III. The First Article of Incorporation of the Corporation is hereby amended to read as follows:

First. The name of the Corporation shall be Corning Precision Lens Incorporated.

CORNING INCORPORATED

By: 

President

and: 

Secretary

SHAREHOLDER

OCT 18 2000 15:38 FR CORNING LEGAL

607 974 6135 TO 42368-

P.04

U.S. PRECISION LENS, INC.

ACTION BY WRITTEN CONSENT
OF THE BOARD OF DIRECTORS
IN LIEU OF A MEETING

August ____, 2000

The following was unanimously approved in writing by all of the Directors of U.S. Precision Lens, Inc. (the "Corporation") pursuant to Section 1701.54 of the Ohio Revised Code, as evidenced by their signatures below.

I. Acceptance of Resignation of Director

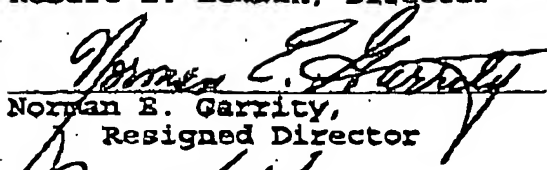
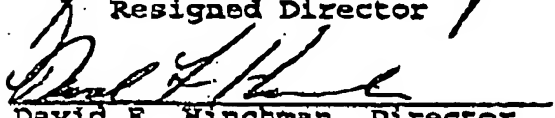
The resignation of Norman E. Garrity as a Director of U.S. Precision Lens, Inc. is hereby accepted, effective immediately.

II. Appointment of Additional Directors

John W. Loose and Vincent P. Hatton are hereby appointed to the Board of Directors of U.S. Precision Lens, Inc., to serve until the next Annual Meeting of the Shareholder of U.S. Precision Lens, Inc. and until their successors shall have been elected and installed.

III. The First Article of Incorporation of the Corporation is hereby amended to read as follows:

First. The name of the Corporation shall be Corning Precision Lens Incorporated.


Robert L. Ecklin, Director
David E. Skutak, Director
Norman E. Garrity,
Resigned Director
Brian H. Welham, Director
David F. Hinchman, Director
John W. Loose,
Newly appointed Director
Roger L. Howe, Director
Vincent P. Hatton,
Newly appointed Director
Donald M. Lerner, Director

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CONSENT OF ASSIGNEE TO REISSUE

3M Innovative Properties Company, assignee of the entire interest in U.S. Patent No. 6,324,014, hereby consents to the filing of the accompanying reissue application and offers to surrender the original patent and will provide same or an appropriate statement pursuant to 37 CFR §1.178 prior to the allowance of this application.

3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

Nov. 19, 2003
Date

By: Carolyn A. Bates
Carolyn A. Bates
Title: Assistant Chief
Intellectual Property Counsel